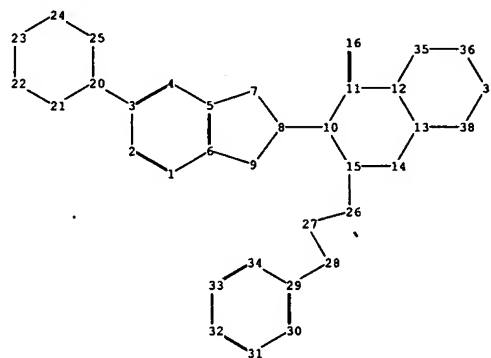
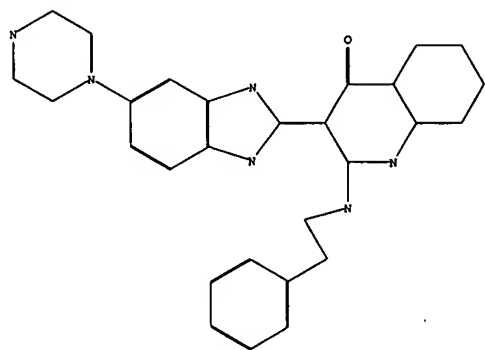


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S2	1	"20020107392"	US-PGPUB; USPAT	ADJ	OFF	2005/08/13 12:00
S3	0	"2002426107"	US-PGPUB; USPAT	ADJ	OFF	2005/08/13 12:01
S4	0	"2004092535"	US-PGPUB; USPAT	ADJ	OFF	2005/08/13 12:01
S5	0	"200492535"	US-PGPUB; USPAT	ADJ	OFF	2005/08/13 12:01
S6	1	"20040092535"	US-PGPUB; USPAT	ADJ	OFF	2005/08/13 12:03
S7	11	"6605617"	US-PGPUB; USPAT	ADJ	OFF	2005/08/13 12:06
S8	3	"2002018383"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2005/08/13 12:07
S9	2	"200218383"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2005/08/13 12:07
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S15	2	"20020103230"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2005/08/13 12:16
S16	2	"200128993"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2005/08/13 12:26
S17	3	"20030028018"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2005/08/13 14:03
S18	13	"6605617"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2005/08/13 14:23
S19	2	"11321093"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2005/08/13 14:30
S20	14	"2363459"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2005/08/13 14:30



chain nodes :

16 26 27 28

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 20 21 22 23 24 25 29
30 31 32 33 34 35 36 37 38

chain bonds :

3-20 8-10 11-16 15-26 26-27 27-28 28-29

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-15 11-12 12-13
12-35 13-14 13-38 14-15 20-21 20-25 21-22 22-23 23-24 24-25 29-30
29-34 30-31 31-32 32-33 33-34 35-36 36-37 37-38

exact/norm bonds :

3-20 5-7 6-9 7-8 8-9 10-11 10-15 11-12 11-16 12-13 12-35 13-14
13-38 14-15 15-26 20-21 20-25 21-22 22-23 23-24 24-25 26-27 35-36
36-37 37-38

exact bonds :

8-10 27-28 28-29

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 29-30 29-34 30-31 31-32 32-33 33-34

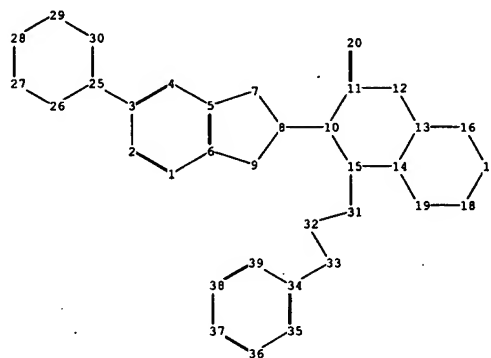
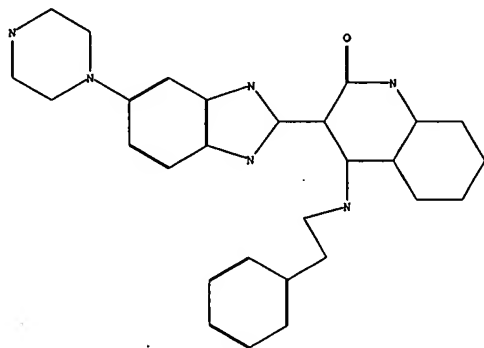
G1:O,S

G2:C,O,S,N

G3:C,O,S,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS20:Atom 21:Atom
22:Atom 23:Atom 24:Atom 25:Atom 26:CLASS27:CLASS28:CLASS29:Atom
30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:Atom 38:Atom



chain nodes :

20 31 32 33

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 25 26 27
28 29 30 34 35 36 37 38 39

chain bonds :

3-25 8-10 11-20 15-31 31-32 32-33 33-34

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-15 11-12 12-13
13-14 13-16 14-15 14-19 16-17 17-18 18-19 25-26 25-30 26-27 27-28
28-29 29-30 34-35 34-39 35-36 36-37 37-38 38-39

exact/norm bonds :

3-25 5-7 6-9 7-8 8-9 10-11 10-15 11-12 11-20 12-13 13-14 13-16
14-15 14-19 15-31 16-17 17-18 18-19 25-26 25-30 26-27 27-28 28-29
29-30 31-32

exact bonds :

8-10 32-33 33-34

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 34-35 34-39 35-36 36-37 37-38 38-39

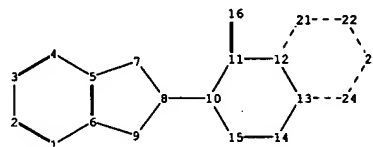
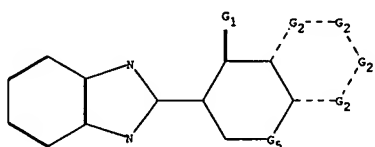
G1:O,S

G2:C,O,S,N

G3:C,O,S,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:CLASS 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:CLASS
32:CLASS 33:CLASS 34:Atom 35:Atom 36:Atom 37:Atom 38:Atom 39:Atom



chain nodes :

16

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 21 22 23 24

chain bonds :

8-10 11-16

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-15 11-12 12-13
12-21 13-14 13-24 14-15 21-22 22-23 23-24

exact/norm bonds :

5-7 6-9 7-8 8-9 8-10 10-11 10-15 11-12 11-16 12-13 12-21 13-14
13-24 14-15 21-22 22-23 23-24

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

G1:O,S

G2:C,O,S,N

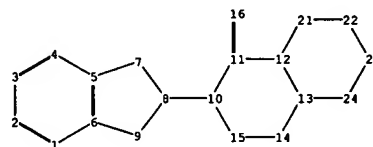
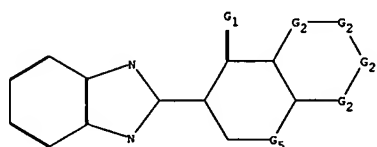
G3:C,O,S,N

G4:O,S

G5:C,O,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 21:CLASS 22:CLASS
23:CLASS 24:CLASS



chain nodes :

16

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 21 22 23 24

chain bonds :

8-10 11-16

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-15 11-12 12-13
12-21 13-14 13-24 14-15 21-22 22-23 23-24

exact/norm bonds :

5-7 6-9 7-8 8-9 8-10 10-11 10-15 11-12 11-16 12-13 12-21 13-14
13-24 14-15 21-22 22-23 23-24

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

G1:O,S

G2:C,O,S,N

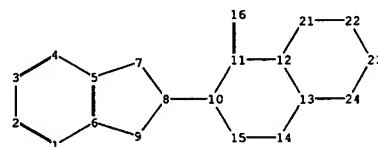
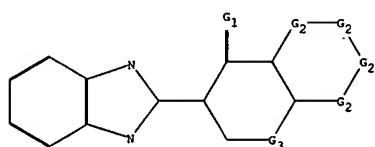
G3:C,O,S,N

G4:O,S

G5:C,O,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 21:CLASS 22:CLASS
23:CLASS 24:CLASS



chain nodes :

16

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 21 22 23 24

chain bonds :

8-10 11-16

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-15 11-12 12-13
12-21 13-14 13-24 14-15 21-22 22-23 23-24

exact/norm bonds :

5-7 6-9 7-8 8-9 8-10 10-11 10-15 11-12 11-16 12-13 12-21 13-14
13-24 14-15 21-22 22-23 23-24

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

G1:O,S

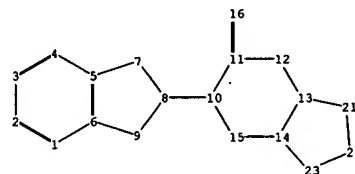
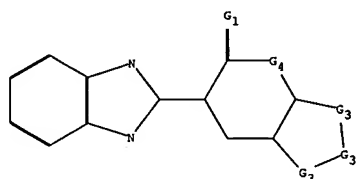
G2:C,O,S,N

G3:C,O,S,N

G4:O,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 21:CLASS 22:CLASS
23:CLASS 24:CLASS



chain nodes :

16

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 21 22 23

chain bonds :

8-10 11-16

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-15 11-12 12-13
13-14 13-21 14-15 14-23 21-22 22-23

exact/norm bonds :

5-7 6-9 7-8 8-9 8-10 10-11 10-15 11-12 11-16 12-13 13-14 13-21
14-15 14-23 21-22 22-23

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

G1:O,S

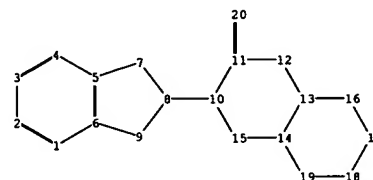
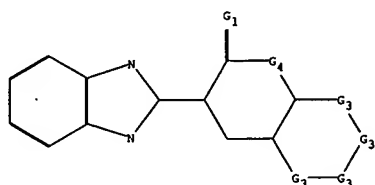
G2:C,O,S,N

G3:C,O,S,N

G4:O,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 21:CLASS 22:CLASS
23:CLASS



chain nodes :

20

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

chain bonds :

8-10 11-20

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-15 11-12 12-13
13-14 13-16 14-15 14-19 16-17 17-18 18-19

exact/norm bonds :

5-7 6-9 7-8 8-9 8-10 10-11 10-15 11-12 11-20 12-13 13-14 13-16
14-15 14-19 16-17 17-18 18-19

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

G1:O,S

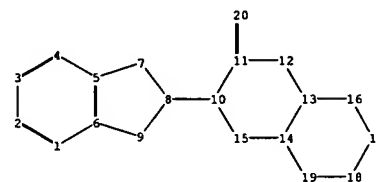
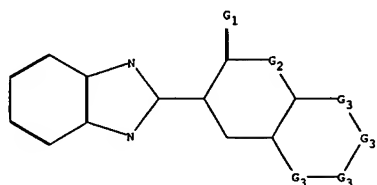
G2:C,O,S,N

G3:C,O,S,N

G4:O,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:CLASS



chain nodes :

20

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

chain bonds :

8-10 11-20

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-15 11-12 12-13
13-14 13-16 14-15 14-19 16-17 17-18 18-19

exact/norm bonds :

5-7 6-9 7-8 8-9 8-10 10-11 10-15 11-12 11-20 12-13 13-14 13-16
14-15 14-19 16-17 17-18 18-19

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

G1:O,S

G2:C,O,S,N

G3:C,O,S,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:CLASS